

## START Downlight Flat IP44 Dimmable 205mm Round Recessed

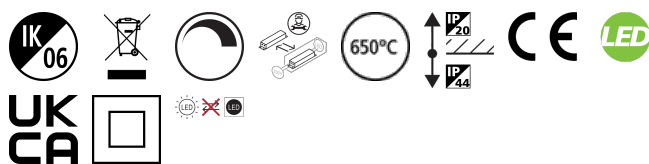
START eco Downlight Flat 205 IP44 1750lm 840 DIM

0053942



### Product features

- START eco Downlight Flat IP44 DIM is an integrated LED recessed downlight with a separate, phase dimmable driver and loop in- out box, 17W; 1750Lm; 103Lm/W; 4000K; IP44 rated from the front.



### PRODUCT OVERVIEW

Product name	START eco Downlight Flat 205 IP44 1750lm 840 DIM
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality
ETIM Class	EC001744
Warranty	3 years
Fixture luminous flux (lm)	1750
Luminaire efficacy (lm/W)	103
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	120
Glare control	< 28
Photobiological Risk Group	RG0
Max load (A)	112
Total power consumption (W)	17
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK06
Product EAN number	5410288539423

### DATA TABLE

#### General data

Product name	START eco Downlight Flat 205 IP44 1750lm 840 DIM
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Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
Warranty	3 years

### Optical data

Fixture luminous flux (lm)	1750
Luminaire efficacy (lm/W)	103
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	120
Distribution type	Symmetric
Glare control	< 28
Photobiological Risk Group	RG0

### Electrical data

Max load (A)	112
Total power consumption (W)	17
Mains voltage (V)	220-240V
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	20.0
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
Drive current (mA)	450
Inrush Current (A)	4.16
Inrush Duration (µs)	112
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	67
Max. Luminaires per 13A C Breaker	87
Max. Luminaires per 16A C Breaker	107
Max. Luminaires per 20A C Breaker	133
Max. Luminaires per 10A B Breaker	67
Max. Luminaires per 13A B Breaker	87
Max. Luminaires per 16A B Breaker	107
Max. Luminaires per 20A B Breaker	133

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### Lifetime data

Lifespan L70 B50	60000
Lifespan L90 B10	23000

### Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK06
Diffuser finish	Opal
Diffuser material	PS Polystyrene
Nominal Product Length (mm)	226
Nominal Product Width (mm)	226
Nominal Product Height (mm)	21
Nominal Product Diameter (mm)	226
Cutout Dimensions (W x L in mm or Diameter in mm)	205
Weight (kg)	0.54

### Packaging

Single packaging type	Carton
Product EAN number	5410288539423
Packaging single length / height (cm)	27.5
Packaging single width (cm)	4.2
Packaging single depth (cm)	23.0
DUN14 (outer)	15410288539420
Units per outer package	10
Packaging outer length / height (cm)	47.5
Packaging outer width (cm)	24.2
Packaging outer depth (cm)	30.0

### Safety data

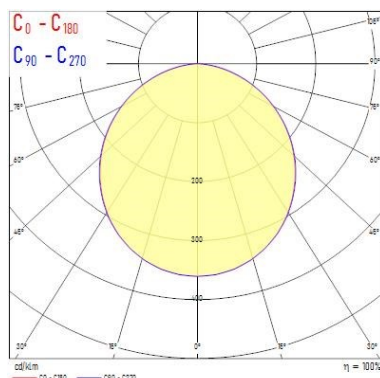
Optimal operating condition (°C)	-20-40
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## PHOTOMETRY

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	1.41 1.43	2575	64.7° 248	55.0° 243
1.0	2.82 2.86	642	64.7° 62	55.0° 61
1.5	4.24 4.28	286	64.7° 29	55.0° 27
2.0	5.65 5.71	161	64.7° 16	55.0° 15
2.5	7.06 7.14	103	64.7° 10	55.0° 10
3.0	8.47 8.57	72	64.7° 7	55.0° 7

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0 - C180 (Half beam angle: 110.0°)  
— C90 - C270 (Half beam angle: 109.4°)



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### TECHNICAL DRAWINGS

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